

Table 4-1 Additional Mitigation Measure Summary

No.	Mitigation Measure(s)	Period of Implementation
ALL SITES		
III. AIR QUALITY		
III-1	In order to minimize the generation of ozone precursors during the most sensitive times of the day, testing of the emergency generators at the Terminal, D-Node, 3R and ILA sites will be scheduled to occur between 3:00 and 7:00 p.m.	Operations
IV. GEOLOGY AND SOILS		
VI-1	Should Construction-related activities encounter any recorded or unrecorded oil, gas or injection wells, Level (3) will ensure that construction activities are immediately stopped or re-directed until such time that Level (3) has contacted the appropriate District of the Division of Oil, Gas and Geothermal Resources. Level (3) will ensure that all District recommended remedial actions are completed and approved by the District prior to continued construction in the vicinity of the subject well.	Construction
SITE 1 – TIONESTA		
I. AESTHETICS		
1-I-1	All project facilities including buildings, fencing, and signs, will be painted with neutral earth-tone colors that will blend with existing facilities and the background of existing vegetation. A specific painting plan will be submitted for CPUC approval prior to issuance of a construction notice to proceed to ensure that the proposed colors do not unduly contrast with the surrounding landscape colors. All treatments will be in non-reflective colors. The painting plan will also be submitted sufficiently early to ensure that any precolored structures can have colors approved and included in bid specifications for buildings. Adherence to the approved painting plan will be determined by the CPUC construction monitor.	Prior to Construction
1-I-2	Appropriate tree species will be planted along the north and west sides of the ILA site to soften the industrial appearance of the ILA facility and to more effectively blend the facility with the existing landscape as viewed from County Road 97. A specific landscaping plan will be prepared showing the location of proposed landscaping, the varieties and sizes of plants to be used, and the proposed time to maturity for each species. The landscaping plan will be submitted for CPUC approval prior to issuance of a construction notice to proceed. Adherence to the approved landscaping plan will be determined by the CPUC construction monitor.	Prior to Construction
1-I-3	Except as required by security and worker safety requirements, night lighting will be hooded to direct illumination downward and inward toward the areas to be illuminated in order to minimize nighttime light and glare, backscatter to the nighttime sky, and visibility of lighting to motorists on County Road 97 and the nearby residence. A specific lighting plan consistent with operational and safety needs will be submitted to the CPUC for approval prior to issuance of a construction notice to proceed. The plan will include provisions for timed and/or motion detection-controlled switches. The lighting plan will also propose a procedure to resolve any lighting complaints. Adherence to the approved lighting plan will be determined by the CPUC construction monitor.	Prior to Construction
IX. Land Use		
1-IX-1	Prior to the start of any construction-related activity, Level (3) shall ensure that the County has adopted General Plan Land Use and Zoning designations for the subject property, and that the proposed 3R facility fully conforms with these designations. Documentation of compliance with this measure shall be submitted to the assigned project Environmental Monitor at least two business days prior to construction	Prior to Construction
Site 2 – Palo Cedro		
XI. Noise		
2-XI-1	Level (3) will restrict generator lasting to the hours between 7:00 a.m. and 10:00 p.m. , except as prescribed by Measure III-1.	Operations
2-XI-2	Level (3) shall take immediate corrective actions to minimize the noise level below the County's threshold, if use of the emergency generator is necessary between the hours of 10:00 p.m. and 7:00 a.m.	Operations

No.	Mitigation Measure(s)	Period of Implementation
SITE 9 – SAN ARDO		
I. AESTHETICS		
9-I-1	All project facilities including buildings, fencing, and signs, will be painted with neutral earth-tone colors that will blend with the existing landscape. A specific painting plan will be submitted for CPUC approval prior to issuance of a construction notice to proceed to ensure that the proposed colors do not unduly contrast with the surrounding landscape colors. All treatments will be in non-reflective colors. The painting plan will also be submitted sufficiently early to ensure that any precolored structures can have colors approved and included in bid specifications for buildings. Adherence to the approved painting plan will be determined by the CPUC construction monitor.	Prior to Construction
9-I-2	Appropriate tree and shrub species will be planted along the north, west, and south sides of the ILA site to soften the industrial appearance of the ILA facility and to more effectively blend the facility with the existing landscape as viewed from Cattlemen Road and Short Street. A specific landscaping plan will be prepared showing the location of proposed landscaping, the varieties and sizes of plants to be used, and the proposed time to maturity for each species. The landscaping plan will be submitted for CPUC approval prior to issuance of a construction notice to proceed. Adherence to the approved landscaping plan will be determined by the CPUC construction monitor.	Prior to Construction
9-I-3	Except as required by security and worker safety requirements, night lighting will be hooded to direct illumination downward and inward toward the areas to be illuminated in order to minimize nighttime light and glare, backscatter to the nighttime sky, and visibility of lighting to residents and motorists on Cattlemen Road. A specific lighting plan consistent with operational and safety needs will be submitted to the CPUC for approval prior to issuance of a construction notice to proceed. The plan will include provisions for timed and/or motion detection-controlled switches. The lighting plan will also propose a procedure to resolve any lighting complaints. Adherence to the approved lighting plan will be determined by the CPUC construction monitor.	Prior to Construction
XI. NOISE		
9-XI-1	To minimize noise-related impacts associated with testing of the emergency generator, the generator shall be set back a minimum of 200 to 250 feet from the closest receptor.	Design
SITE 10 – CUESTA GRADE WORKAROUND		
I. AESTHETICS		
10-I-1	A landscaping and erosion control plan will be prepared showing the location of proposed landscaping, the varieties and sizes of plants and/or seed mixes to be used, and the proposed time to maturity for each species. The landscaping plan will be developed and submitted for CPUC approval prior to issuance of a construction notice to proceed, and should be consistent with local agency guidelines. Adherence to the approved landscaping plan will be determined by the CPUC construction monitor.	Prior to Construction
VII. HAZARDS AND HAZARDOUS MATERIALS		
10-VII-1	The project proponent should prepare a fire prevention plan, to be approved by the appropriate local fire district, prior to construction on the Workaround.	Prior to Construction
XV. TRANSPORTATION/TRAFFIC		
10-XV-1	At locations where access to nearby property is blocked, provision shall be ready at all times to accommodate emergency vehicles, such as plating over excavations, short detours, and alternate routes.	During Construction

No.	Mitigation Measure(s)	Period of Implementation
SITE 14 – SANTA BARBARA		
III. AIR QUALITY		
14-III-1	<ul style="list-style-type: none"> • Trucks transporting fill material to and from the site shall be tarped from the point of origin. • The contractor or builder shall designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust off site. Their duties shall include holiday and weekend periods when work may not be in progress. The name and telephone number of such persons shall be provided to the Air Pollution Control District prior to land use clearance for map recordation and land use clearance for finish grading for the structure. 	During Construction
14-III-2	<ul style="list-style-type: none"> • Heavy-duty diesel-powered construction equipment manufactured after 1996 (with federally mandated “clean” diesel engines) should be utilized wherever feasible. • The engine size of construction equipment shall be the minimum practical size. • The number of construction equipment operating simultaneously shall be minimized through efficient management practices to ensure that the smallest practical number are operating at any one time. • Construction equipment shall be maintained in tune per the manufacturer’s specifications. • Construction equipment operating on site shall be equipped with two to four degree engine timing retard or precombustion chamber engines. • Catalytic converters shall be installed on gasoline-powered equipment, if feasible. • Diesel catalytic converters shall be installed, if available. • Diesel powered equipment should be replaced by electric equipment whenever feasible. <p>Construction worker trips should be minimized by requiring carpooling and by providing for lunch on site.</p>	During Construction
SITE 15 – VENTURA		
XV. TRANSPORTATION/TRAFFIC		
15-XV-1	At locations where access to nearby property is blocked, provision shall be ready at all times to accommodate emergency vehicles, such as plating over excavations, short detours, and alternate routes.	During Construction
SITE 16 – MOORPARK		
XV. TRANSPORTATION/TRAFFIC		
16-XV-1	At locations where access to nearby property is blocked, provision shall be ready at all times to accommodate emergency vehicles, such as plating over excavations, short detours, and alternate routes.	During Construction
SITE 19 – HANFORD		
XI. NOISE		
19-XI-1	Level 3 shall comply with the City of Hanford General Plan by restricting construction and routine operation activities to between the hours of 7:00 a.m. and 10:00 p.m., except as prescribed by Measure III-1.	Operations
XV. TRANSPORTATION/TRAFFIC		
19-XV-1	At locations where access to nearby property is blocked, provision shall be ready at all times to accommodate emergency vehicles, such as plating over excavations, short detours, and alternate routes.	During Construction
SITE 20 – BAKERSFIELD		
XV. TRANSPORTATION/TRAFFIC		
20-XV-1	At locations where access to nearby property is blocked, provision shall be ready at all times to accommodate emergency vehicles, such as plating over excavations, short detours, and alternate routes.	During Construction

No.	Mitigation Measure(s)	Period of Implementation
SITE 24 – EL CENTRO		
XV. TRANSPORTATION/TRAFFIC		
24-XV-1	At locations where access to nearby property is blocked, provision shall be ready at all times to accommodate emergency vehicles, such as plating over excavations, short detours, and alternate routes.	During Construction